



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 12, 2015

Ms. Jayne Walz  
Regulatory Manager  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048-6316

Subject: Labeling and Formulation Notification per Pesticide Registration Notice (PRN) 98-10 – To Clarify the Brand Names of the Product (Primary: VectoBac<sup>®</sup> FG Biological Larvicide Granules; Alternate: VBC-60216), Make Minor Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)-Related Revisions to the Labeling, and Make Other Minor Revisions to the Labeling and Confidential Statements of Formula  
Product Name: VectoBac<sup>®</sup> FG Biological Larvicide Granules  
EPA Registration Number: 73049-19  
Application Dates: May 16, 2012 and February 26, 2015  
OPP Decision Numbers: 465195 and 501275

Dear Ms. Walz:

The U.S. Environmental Protection Agency (EPA) is in receipt of your applications for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product; your February 26, 2015, application for notification (OPP Decision Number: 501275) replaces your May 16, 2012, application for notification (OPP Decision Number: 465195). The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling and Confidential Statements of Formula (CSFs) submitted with this application have been stamped "Notification" and will be placed in our records. You must submit one (1) copy of the final printed labeling with the modifications. Please note that the record for this product currently contains the following acceptable CSFs:

- Basic CSF dated 03/10/2015
- Alternate CSF dated 03/10/2015

Any CSFs other than those listed above are superseded/no longer valid.

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EPA Reg. No. 73049-19  
OPP Decision Nos. 465195 and 501275

If you have any questions, please contact me by phone at (703) 347-8920 or via email at [kausch.jeannine@epa.gov](mailto:kausch.jeannine@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeannine Kausch', with a stylized flourish extending to the right.

Jeannine Kausch, Regulatory Action Leader  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

**NOTIFICATION**

73049-19

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/12/2015

**VECTOBAC® ~~CGFG~~  
BIOLOGICAL LARVICIDE  
GRANULES**

[ Alternate Brand Name: VBC-60216 ]

**Active Ingredient:**

<i>Bacillus thuringiensis</i> , subsp. <i>israelensis</i> , strain AM 65-52, fermentation solids and solubles.....	4.95%
Other Ingredients.....	95.05%
Total.....	100.00%

Potency: 200 International Toxic Units (ITU) per mg  
(Equivalent to 0.091 billion ITU per pound)

The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panel for additional precautionary statements.

**Produced for:**

Valent BioSciences Corporation  
870 Technology Way, ~~Suite 100~~  
Libertyville, IL 60048

EPA Reg. No. 73049-19

EPA Est. No. 33762-IA-~~001~~

~~Batch Code~~ Lot No.: \_\_\_\_\_

Net Weight ~~Contents~~:

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-323-9597.	

## PRECAUTIONARY STATEMENTS

### HAZARD TO HUMANS (AND DOMESTIC ANIMALS)

#### CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Mixers/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

#### ENVIRONMENTAL HAZARD

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles intended for human consumption.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### ~~STORAGE AND DISPOSAL~~

~~Do not contaminate potable water, food or feed by storage or disposal.~~

~~Storage: Store in a cool, dry place.~~

~~Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.~~

~~Container Disposal: Nonrefillable container. Do not reuse this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.~~

## APPLICATION DIRECTIONS

VectoBac<sup>®</sup> FG Biological Larvicide Granules (hereafter referred to as VectoBac FG) ~~VectoBac-EG~~ is an insecticide for use against mosquito larvae.

### Mosquitoes

#### Habitat

#### Suggested Range Rate\*

(Such as the following examples):

Irrigation ditches, roadside ditches, flood water, standing ponds, woodland pools, snow melt pools, pastures, livestock watering ponds and troughs, catch basins, storm water retention areas, tidal water, salt marshes and rice fields.

2.5 - 10 lbs./acre

In addition, standing water containing mosquito larvae, in fields growing alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches and walnuts may be treated at the recommended rates.

\*Use 10-20 lbs./acre when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, (sewage lagoons, animal waste lagoons), and/or algae are abundant.

Apply uniformly by aerial or ground conventional equipment.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all of these factors when making decisions.

A 7 to 14 day interval between applications should be employed.

### STORAGE AND DISPOSAL

Do not contaminate potable water, food or feed by storage or disposal.

Storage: Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. If recycling is not available, dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**NOTICE TO USER**

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

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